

* The files listed above are temporarily unavailable.

FILE 'USPAT' ENTERED AT 11:18:50 ON 26 APR 1997

* W E L C O M E T O T H E *
* U . S . P A T E N T T E X T F I L E *

=> s cassette#

L1 31968 CASSETTE#

=> s l1 and (422/clas or 435/clas or 436/clas)

48142 422/CLAS

35765 435/CLAS

16760 436/CLAS

L2 1635 L1 AND (422/CLAS OR 435/CLAS OR 436/CLAS)

=> s l2 and binding

88793 BINDING

L3 969 L2 AND BINDING

=> s l3 and ?luminescence

8082 ?LUMINESCENCE

L4 42 L3 AND ?LUMINESCENCE

=> s l4 and electrode#

192074 ELECTRODE#

L5 2 L4 AND ELECTRODE#

=> d l5 1-2

1. 5,614,395, Mar. 25, 1997, Chemically regulatable and anti-pathogenic DNA sequences and uses thereof; John A. Ryals, et al., **435/172.3**, **4**, **69.1**, **172.1**; 536/24.1; 800/205; 935/35, 36 [IMAGE AVAILABLE]

2. 5,532,138, Jul. 2, 1996, Method and kits for determining peroxidatively active catalysts; Sharat Singh, et al., **435/7.93**, **7.94**, **28**, **975** [IMAGE AVAILABLE]

=> s l1 and 422/clas

48142 422/CLAS

L6 377 L1 AND 422/CLAS

=> s ?luminescence

L7 8082 ?LUMINESCENCE

=> s l6 and l7

L8 16 L6 AND L7

=> d l8 1-16

1. 5,612,184, Mar. 18, 1997, Device for detecting mercury in water; Reinhardt A. Rosson, 435/6; **422/52**, **82.08**; 435/172.3; 935/56, 59 [IMAGE AVAILABLE]

2. 5,482,839, Jan. 9, 1996, Automatic immunological measuring system; Yoshihiro Ashihara, et al., 435/7.9; 356/244, 246; **422/58**, **63**, **64**, **102**; 435/7.92, 287.2, 287.3; 436/47, 525, 526, 809 [IMAGE AVAILABLE]

3. 5,370,842, Dec. 6, 1994, Sample measuring device and sample measuring system; Takeshi Miyazaki, et al., **422/82.06**; 356/410; **422/82.04**, **82.05**, **100**, **930**, **947** [IMAGE AVAILABLE]

4. 5,244,812, Sep. 14, 1993, Detection of electron acceptor gases using sulfur-selenium fulvalenes; Colin L. Honeybourne, et al., 436/164; **422/88**, **90**, **91**, **98**; 436/106, 116, 117, 118, 124, 151

08/6/11, 804

[IMAGE AVAILABLE]

5. 5,158,895, Oct. 27, 1992, Automatic immunological measuring system; Yoshihiro Ashihara, et al., 436/526; **422/65**, **67**, **82.05**;
435/7.1, 287.2, 287.3; 436/47, 49, 807 [IMAGE AVAILABLE]
6. 5,093,081, Mar. 3, 1992, Dry-type analytical element for immunoassay; Yukio Sudo, et al., **422/56**, **55**, **57**;
435/7.1 [IMAGE AVAILABLE]
7. 4,999,285, Mar. 12, 1991, Chromatographic **cassette**;
S. Nicholas Stiso, 435/7.9; 210/95, 198.3, 658; **422/56**, **58**, **70**;
435/7.7, 7.91, 7.92, 810; 436/162, 514 [IMAGE AVAILABLE]
8. 4,863,689, Sep. 5, 1989, Apparatus for the detection of
chemiluminescence;
Merlin L. Leong, et al., **422/52**;
250/361C; **422/61**, **82.08**, **102**;
435/8, 35, 288.7; 436/135, 172, 546 [IMAGE AVAILABLE]
9. 4,719,087, Jan. 12, 1988, Tray for analyzing system; Richard W. Hanaway, **422/102**, **104**, **942** [IMAGE AVAILABLE]
10. 4,681,741, Jul. 21, 1987, Reagent dispenser for an analyzing system; Richard W. Hanaway, **422/100**;
73/863.32, 864.17, 864.87; 222/137, 144, 144.5; **422/63** [IMAGE AVAILABLE]
11. 4,676,951, Jun. 30, 1987, Automatic specimen analyzing system; William P. Armes, et al., **422/65**;
73/863.33, 864.17; 222/136; 356/246; **422/73**, **100**, **102**, **104**;
435/286.4, 287.3, 288.4, 288.6; 436/809 [IMAGE AVAILABLE]
12. 4,643,879, Feb. 17, 1987, Tower for analyzing system; Richard W. Hanaway, **422/104**;
211/126, 133; 312/209; **422/63**, **65**, **102** [IMAGE AVAILABLE]
13. 4,612,289, Sep. 16, 1986, Method for analyzing liquid sample; Yoshiteru Furuta, et al., 436/34; **422/64**;
435/805; 436/45, 50, 164 [IMAGE AVAILABLE]
14. 4,563,331, Jan. 7, 1986, System for measuring **bioluminescence** flash kinetics; Jon R. Losee, et al., **422/52**;
250/361C; 356/244, 417; 435/288.7, 808; 436/172 [IMAGE AVAILABLE]
15. 4,328,185, May 4, 1982, Automated chemical testing apparatus; Robert Reasons, et al., **422/82**, **81** [IMAGE AVAILABLE]
16. 3,923,462, Dec. 2, 1975, Photographic detection and integration of light emitted from luminescent reactions; Leonard Alan Cavanagh, 436/172; **422/52**;
436/135 [IMAGE AVAILABLE]
=> s 422/clas
L9 48142 422/CLAS
=> s 435/clas
L10 35765 435/CLAS
=> s 436/clas
L11 16760 436/CLAS
=> s Apparatus and 17
791267 APPARATUS

L12 3633 APPARATUS AND L7

=> s 112 and 19
L13 444 L12 AND L9
=> s 113 and binding
88793 BINDING
L14 155 L13 AND BINDING
=> s 114 and electrode#

192074 ELECTRODE#
L15 45 L14 AND ELECTRODE#
=> s electrochemiluminescence
L16 31 ELECTROCHEMILUMINESCENCE
=> s 145 and 116
'L45' NOT FOUND
=> s 115 and 116
L17 10 L15 AND L16
=> d 117 1-10

1. 5,589,136, Dec. 31, 1996, Silicon-based sleeve devices for chemical reactions; M. Allen Northrup, et al., **422/102**, **82.05**, **82.09**, **129**, **131**; 435/285.1, 292.1 [IMAGE AVAILABLE]

2. 5,543,112, Aug. 6, 1996, **Apparatus** and methods for carrying out **electrochemiluminescence** test measurements; Ali Ghead, et al., **422/52**; 250/361C; 324/71.1; **422/81** [IMAGE AVAILABLE]

3. 5,541,113, Jul. 30, 1996, Method for detecting an analyte using an electrochemical luminescent transition metal label; Iqbal W. Siddigi, et al., 436/56; **422/52**, **82.05**, **82.06**, **82.08**; 436/164, 172 [IMAGE AVAILABLE]

4. 5,538,687, Jul. 23, 1996, **Apparatus** for generating optically detectable signals by applying electrical potentials to sample liquids; Holger Kotzan, et al., **422/52**; 250/361C; **422/82.05** [IMAGE AVAILABLE]

5. 5,527,710, Jun. 18, 1996, Rate measurements of biomolecular reactions using **electrochemiluminescence**; Laurette Nacamulli, et al., 436/517; **422/52**, **82.01**, **82.05**, **82.08**; 435/4, 6, 7.1, 7.5; 436/149, 172, 501, 536, 537, 544, 546 [IMAGE AVAILABLE]

6. 5,466,416, Nov. 14, 1995, **Apparatus** and methods for carrying out **electrochemiluminescence** test measurements; Ali Ghaed, et al., **422/52**; 250/361C, 362, 369; 324/71.1; **422/81**, **82.08**, **82.09**; 435/808 [IMAGE AVAILABLE]

7. 5,310,687, May 10, 1994, Luminescent metal chelate labels and means for detection; Allen J. Bard, et al., 436/518; **422/50**, **52**, **82.05**, **82.08**; 435/4, 5, 6, 7.1; 436/512, 519, 525, 536, 537, 544, 546, 548, 904, 905; 544/225; 546/2 [IMAGE AVAILABLE]

8. 5,147,806, Sep. 15, 1992, Method and **apparatus** for conducting **electrochemiluminescence** measurements; Ralph A. Kamin, et al., 436/149; **422/52**, **81**; 435/808; 436/172 [IMAGE AVAILABLE]

9. 5,093,268, Mar. 3, 1992, **Apparatus** for conducting a plurality of simultaneous measurements of electrochemiluminescent phenomena; Nicholas Leventis, et al., 436/172; 250/361C, 362, 459.1, 484.2; **422/52**, **68.1**, **82.07**, **82.08** [IMAGE AVAILABLE]

10. 5,061,445, Oct. 29, 1991, ****Apparatus**** for conducting measurements of electrochemiluminescent phenomena; Glenn Zoski, et al., ****422/52****; 250/361C; 327/172, 514 [IMAGE AVAILABLE]

=> s kit# and l16

24037 KIT#

L18 7 KIT# AND L16

=> s l18 and l9

L19 2 L18 AND L9

=> d l19 1,2

1. 5,541,113, Jul. 30, 1996, Method for detecting an analyte using an electrochemical luminescent transition metal label; Iqbal W. Siddigi, et al., 436/56; ****422/52****, ****82.05****, ****82.06****, ****82.08****; 436/164, 172 [IMAGE AVAILABLE]

2. 5,527,710, Jun. 18, 1996, Rate measurements of biomolecular reactions using ****electrochemiluminescence****; Laurette Nacamulli, et al., 436/517; ****422/52****, ****82.01****, ****82.05****, ****82.08****; 435/4, 6, 7.1, 7.5; 436/149, 172, 501, 536, 537, 544, 546 [IMAGE AVAILABLE]

=> s System and l7

1006266 SYSTEM

L20 5335 SYSTEM AND L7

=> s l20 and l16

L21 29 L20 AND L16

=> s l21 and l9

L22 14 L21 AND L9

=> d l22 1-14

1. 5,610,075, Mar. 11, 1997, Competitive ****electrochemiluminescence**** assays for endotoxins using a ruthenium label; Marianne Stahl-Rees, 436/501; ****422/52****; 436/149; 514/15 [IMAGE AVAILABLE]

2. 5,589,136, Dec. 31, 1996, Silicon-based sleeve devices for chemical reactions; M. Allen Northrup, et al., ****422/102****, ****82.05****, ****82.09****, ****129****, ****131****; 435/285.1, 292.1 [IMAGE AVAILABLE]

3. 5,543,112, Aug. 6, 1996, Apparatus and methods for carrying out ****electrochemiluminescence**** test measurements; Ali Ghead, et al., ****422/52****; 250/361C; 324/71.1; ****422/81**** [IMAGE AVAILABLE]

4. 5,541,113, Jul. 30, 1996, Method for detecting an analyte using an electrochemical luminescent transition metal label; Iqbal W. Siddigi, et al., 436/56; ****422/52****, ****82.05****, ****82.06****, ****82.08****; 436/164, 172 [IMAGE AVAILABLE]

5. 5,538,687, Jul. 23, 1996, Apparatus for generating optically detectable signals by applying electrical potentials to sample liquids; Holger Kotzan, et al., ****422/52****; 250/361C; ****422/82.05**** [IMAGE AVAILABLE]

6. 5,527,710, Jun. 18, 1996, Rate measurements of biomolecular reactions using ****electrochemiluminescence****; Laurette Nacamulli, et al., 436/517; ****422/52****, ****82.01****, ****82.05****, ****82.08****; 435/4, 6, 7.1, 7.5; 436/149, 172, 501, 536, 537, 544, 546 [IMAGE AVAILABLE]

7. 5,466,416, Nov. 14, 1995, Apparatus and methods for carrying out

****electrochemiluminescence**** test measurements; Ali Ghaed, et al.,
422/52; 250/361C, 362, 369; 324/71.1; **422/81**; **82.08**;
82.09; 435/808 [IMAGE AVAILABLE]

8. 5,310,687, May 10, 1994, Luminescent metal chelate labels and means for detection; Allen J. Bard, et al., 436/518; **422/50**; **52**;
82.05; **82.08**; 435/4, 5, 6, 7.1; 436/512, 519, 525, 536, 537, 544,
546, 548, 904, 905; 544/225; 546/2 [IMAGE AVAILABLE]

9. 5,296,191, Mar. 22, 1994, Method and apparatus for conducting electrochemiluminescent measurements; Lee O. Hall, et al., **422/52**;
250/361C; 324/71.1; 436/172 [IMAGE AVAILABLE]

10. 5,247,243, Sep. 21, 1993, Method and apparatus for conducting electrochemiluminescent measurements; Lee O. Hall, et al., 324/71.1;
250/361C; **422/52**; 436/172 [IMAGE AVAILABLE]

11. 5,147,806, Sep. 15, 1992, Method and apparatus for conducting ****electrochemiluminescence**** measurements; Ralph A. Kamin, et al.,
436/149; **422/52**; **81**; 435/808; 436/172 [IMAGE AVAILABLE]

12. 5,093,268, Mar. 3, 1992, Apparatus for conducting a plurality of simultaneous measurements of electrochemiluminescent phenomena; Nicholas Leventis, et al., 436/172; 250/361C, 362, 459.1, 484.2; **422/52**;
68.1; **82.07**; **82.08** [IMAGE AVAILABLE]

13. 5,068,088, Nov. 26, 1991, Method and apparatus for conducting electrochemiluminescent measurements; Lee O. Hall, et al., **422/52**;
250/361C; 313/498; 324/94; 327/100 [IMAGE AVAILABLE]

14. 5,061,445, Oct. 29, 1991, Apparatus for conducting measurements of electrochemiluminescent phenomena; Glenn Zoski, et al., **422/52**;
250/361C; 327/172, 514 [IMAGE AVAILABLE]

=> s l16 and l10

L23 14 L16 AND L10

=> d 123 1-14

1. 5,610,017, Mar. 11, 1997, Method for conducting a polymerase chain reaction using an improved electrochemiluminescent label; Satyanarayana R. Gudibande, et al., **435/6**; 428/917; **435/91.1**; **91.2**;
183; 436/94, 800, 805, 905; 536/23.1, 24.32, 24.33, 25.3; 935/77, 78 [IMAGE AVAILABLE]

2. 5,597,910, Jan. 28, 1997, Electrochemiluminescent label for DNA probe assays; Satyanarayana R. Gudibande, et al., 536/24.3; 250/361C;
252/301.16; **435/6**; **91.1**; 436/800, 801; 536/25.3, 25.32 [IMAGE AVAILABLE]

3. 5,595,878, Jan. 21, 1997, Detection of biopolymers and biooligomers with boron hydride labels; Anup Sood, et al., **435/6**; 514/64 [IMAGE AVAILABLE]

4. 5,591,581, Jan. 7, 1997, Electrochemiluminescent rhenium moieties and methods for their use; Richard J. Massey, et al., **435/6**; **5**;
7.2; **235.1**; **325**; **410**; 436/537; 530/350, 400; 546/2;
556/45, 46, 49 [IMAGE AVAILABLE]

5. 5,589,136, Dec. 31, 1996, Silicon-based sleeve devices for chemical

réactions; M. Allen Northrup, et al., 422/102, 82.05, 82.09, 129, 131;
435/285.1, **292.1** [IMAGE AVAILABLE]

6. 5,527,710, Jun. 18, 1996, Rate measurements of biomolecular reactions using **electrochemiluminescence**; Laurette Nacamulli, et al., 436/517; 422/52, 82.01, 82.05, 82.08; **435/4**, **6**, **7.1**, **7.5**; 436/149, 172, 501, 536, 537, 544, 546 [IMAGE AVAILABLE]

7. 5,510,262, Apr. 23, 1996, Cell-culturing apparatus and method employing a macroporous support; Gregory Stephanopoulos, et al., **435/403**, **297.2**, **299.1** [IMAGE AVAILABLE]

8. 5,466,416, Nov. 14, 1995, Apparatus and methods for carrying out **electrochemiluminescence** test measurements; Ali Ghaed, et al., 422/52; 250/361C, 362, 369; 324/71.1; 422/81, 82.08, 82.09; **435/808** [IMAGE AVAILABLE]

9. 5,453,356, Sep. 26, 1995, Luminescent metal chelate labels and means for detection; Allen J. Bard, et al., **435/6**, **7.1**, **7.2**, **7.31**; 436/84, 172, 500, 501, 517, 518, 536, 544, 547, 548, 805, 806 [IMAGE AVAILABLE]

10. 5,310,687, May 10, 1994, Luminescent metal chelate labels and means for detection; Allen J. Bard, et al., 436/518; 422/50, 52, 82.05, 82.08; **435/4**, **5**, **6**, **7.1**; 436/512, 519, 525, 536, 537, 544, 546, 548, 904, 905; 544/225; 546/2 [IMAGE AVAILABLE]

11. 5,262,320, Nov. 16, 1993, Cell-culturing apparatus and method employing a macroporous support; Gregory Stephanopoulos, et al., **435/403**, **297.2**, **299.1** [IMAGE AVAILABLE]

12. 5,238,808, Aug. 24, 1993, Luminescent metal chelate labels and means for detection; Allen J. Bard, et al., **435/4**, **5**, **6**, **7.1**; 436/500, 543, 805, 806; 530/391.5, 402; 544/225; 546/2, 10, 12; 548/101, 109 [IMAGE AVAILABLE]

13. 5,221,605, Jun. 22, 1993, Luminescent metal chelate labels and means for detection; Allen J. Bard, et al., **435/4**, **5**, **6**, **7.1**; 436/500, 543, 805, 806; 530/391.5, 402; 544/225; 546/2, 10, 12; 548/101, 109 [IMAGE AVAILABLE]

14. 5,147,806, Sep. 15, 1992, Method and apparatus for conducting **electrochemiluminescence** measurements; Ralph A. Kamin, et al., 436/149; 422/52, 81; **435/808**; 436/172 [IMAGE AVAILABLE]

=> s l16 and l11

L24 15 L16 AND L11

=> d l24 1-15

1. 5,610,075, Mar. 11, 1997, Competitive **electrochemiluminescence** assays for endotoxins using a ruthenium label; Marianne Stahl-Rees, **436/501**; 422/52; **436/149**; 514/15 [IMAGE AVAILABLE]

2. 5,610,017, Mar. 11, 1997, Method for conducting a polymerase chain reaction using an improved electrochemiluminescent label; Satyanarayana R. Gudibande, et al., 435/6; 428/917; 435/91.1, 91.2, 183; **436/94**, **800**, **805**, **905**; 536/23.1, 24.32, 24.33, 25.3; 935/77, 78 [IMAGE AVAILABLE]

3. 5,597,910, Jan. 28, 1997, Electrochemiluminescent label for DNA probe assays; Satyanarayana R. Gudibande, et al., 536/24.3; 250/361C; 252/301.16; 435/6, 91.1; **436/800**, **801**; 536/25.3, 25.32 [IMAGE AVAILABLE]
4. 5,591,581, Jan. 7, 1997, Electrochemiluminescent rhenium moieties and methods for their use; Richard J. Massey, et al., 435/6, 5, 7.2, 235.1, 325, 410; **436/537**; 530/350, 400; 546/2; 556/45, 46, 49 [IMAGE AVAILABLE]
5. 5,541,113, Jul. 30, 1996, Method for detecting an analyte using an electrochemical luminescent transition metal label; Iqbal W. Siddigi, et al., **436/56**; 422/52, 82.05, 82.06, 82.08; **436/164**., **172** [IMAGE AVAILABLE]
6. 5,527,710, Jun. 18, 1996, Rate measurements of biomolecular reactions using **electrochemiluminescence**.; Laurette Nacamulli, et al., **436/517**; 422/52, 82.01, 82.05, 82.08; 435/4, 6, 7.1, 7.5; **436/149**., **172**., **501**., **536**., **537**., **544**., **546** [IMAGE AVAILABLE]
7. 5,453,356, Sep. 26, 1995, Luminescent metal chelate labels and means for detection; Allen J. Bard, et al., 435/6, 7.1, 7.2, 7.31; **436/84**., **172**., **500**., **501**., **517**., **518**., **536**., **544**., **547**., **548**., **805**., **806** [IMAGE AVAILABLE]
8. 5,310,687, May 10, 1994, Luminescent metal chelate labels and means for detection; Allen J. Bard, et al., **436/518**; 422/50, 52, 82.05, 82.08; 435/4, 5, 6, 7.1; **436/512**., **519**., **525**., **536**., **537**., **544**., **546**., **548**., **904**., **905**.; 544/225; 546/2 [IMAGE AVAILABLE]
9. 5,296,191, Mar. 22, 1994, Method and apparatus for conducting electrochemiluminescent measurements; Lee O. Hall, et al., 422/52; 250/361C; 324/71.1; **436/172** [IMAGE AVAILABLE]
10. 5,247,243, Sep. 21, 1993, Method and apparatus for conducting electrochemiluminescent measurements; Lee O. Hall, et al., 324/71.1; 250/361C; 422/52; **436/172** [IMAGE AVAILABLE]
11. 5,240,863, Aug. 31, 1993, Method of measuring immunoreactant using **electrochemiluminescence**.; Akira Shibue, et al., **436/526**., **518**., **524**., **525**., **527**., **531**., **532**., **533**., **534** [IMAGE AVAILABLE]
12. 5,238,808, Aug. 24, 1993, Luminescent metal chelate labels and means for detection; Allen J. Bard, et al., 435/4, 5, 6, 7.1; **436/500**., **543**., **805**., **806**.; 530/391.5, 402; 544/225; 546/2, 10, 12; 548/101, 109 [IMAGE AVAILABLE]
13. 5,221,605, Jun. 22, 1993, Luminescent metal chelate labels and means for detection; Allen J. Bard, et al., 435/4, 5, 6, 7.1; **436/500**., **543**., **805**., **806**.; 530/391.5, 402; 544/225; 546/2, 10, 12; 548/101, 109 [IMAGE AVAILABLE]
14. 5,147,806, Sep. 15, 1992, Method and apparatus for conducting **electrochemiluminescence** measurements; Ralph A. Kamin, et al., **436/149**.; 422/52, 81; 435/808; **436/172** [IMAGE AVAILABLE]

15. 5,093,268, Mar. 3, 1992, Apparatus for conducting a plurality of simultaneous measurements of electrochemiluminescent phenomena; Nicholas Leventis, et al., **436/172**; 250/361C, 362, 459.1, 484.2; 422/52, 68.1, 82.07, 82.08 [IMAGE AVAILABLE]

```
=> s binding (P)domain#
      88793 BINDING
      29459 DOMAIN#
L25      2224 BINDING (P)DOMAIN#
=> s 125 and 19
L26      24 L25 AND L9
=> s 126 and 110
L27      20 L26 AND L10
=> s 127 and 111
L28      17 L27 AND L11
=> d 128 1-17
```

1. 5,622,872, Apr. 22, 1997, Analyte detection through observed optical modulation of polymerized lipid layers; Hans O. Ribi, **436/518**; 204/403; **422/82.08**; **82.09**; **435/7.1**; **7.5**; **288.7**; **436/532** [IMAGE AVAILABLE]

2. 5,597,700, Jan. 28, 1997, Method for detecting free insulin-like growth-factor-binding protein 1 and a test device for detecting the ruptures of fetal membranes using the above method; Alexander Konstantinov, et al., **435/7.92**; **422/56**; **58**; **60**; **435/7.94**; **967**; **969**; **970**; **436/518**; **530**; **810**; 530/388.24 [IMAGE AVAILABLE]

3. 5,545,517, Aug. 13, 1996, Selective metal ion detection using a photoluminescent indicator binding to a macromolecule-metal ion complex; Richard B. Thompson, et al., **435/4**; 356/73.1, 301; **422/55**; **82.07**; **82.08**; **82.11**; **435/18**; **808**; **436/73**; **164**; **172**; **805** [IMAGE AVAILABLE]

4. 5,541,059, Jul. 30, 1996, Immunoassay device having an internal control of protein A and methods of using same; Albert E. Chu, **435/5**; **422/56**; **57**; **58**; **61**; **435/7.2**; **7.32**; **7.34**; **7.9**; **7.92**; **7.93**; **7.94**; **287.2**; **805**; **810**; **967**; **973**; **436/169**; **512**; **513**; **518**; **525**; **531**; **534**; **810** [IMAGE AVAILABLE]

5. 5,492,840, Feb. 20, 1996, Surface plasmon resonance sensor unit and its use in biosensor systems; Magnus Malmqvist, et al., **436/518**; 356/317, 318, 445; 385/12; **422/82.05**; **82.11**; **435/808**; **436/164**; **524**; **525**; **527**; **528**; **529**; **530**; **531**; **805**; **819** [IMAGE AVAILABLE]

6. 5,491,097, Feb. 13, 1996, Analyte detection with multilayered bioelectronic conductivity sensors; Hans O. Ribi, et al., **436/518**; **422/82.01**; **82.02**; **82.03**; **82.06**; **435/7.1**; **7.5**; **7.92**; **436/501**; **527**; **531**; **806** [IMAGE AVAILABLE]

7. 5,468,650, Nov. 21, 1995, Class microfiber histamine assay device; Per Stahl Skov, et al., **436/527**; **422/57**; **58**; **61**; 427/180, 189, 196, 215, 220; **435/7.1**; **287.1**; **287.9**; **288.4**; **810**; **962**; **436/518** [IMAGE AVAILABLE]

8. 5,378,638, Jan. 3, 1995, Analysis element and process for its manufacture; Rolf Deeg, et al., **436/518**; 347/1; **422/57***, **58***, **61***, 427/258, 286, 338, 414; **435/7.5***, **287.2***, **287.9***, **288.3***, **805***, **810***, **969***, **970***, **436/164***, **514***, **531***, **805***, **807***, **809***, **810** [IMAGE AVAILABLE]
9. 5,374,395, Dec. 20, 1994, Diagnostics instrument; David Robinson, et al., **422/64***, **61***, **63***, **65***, **67***, **82.08***, **100***, **102***, **435/287.2***, **287.3***, **288.7***, **436/43***, **47***, **48***, **49***, **164***, **165***, **166***, **172***, **174***, **180** [IMAGE AVAILABLE]
10. 5,200,312, Apr. 6, 1993, Membrane based dot immunoassay and method of use; John J. Oprandy, **435/5***, **422/57***, 427/2.13; **435/7.2***, **7.32***, **7.94***, **970***, **436/531***, **810** [IMAGE AVAILABLE]
11. 5,177,021, Jan. 5, 1993, Element for immunoassay and process of using the same; Asaji Kondo, **436/518***, **422/56***, **58***, **82.09***, **99***, **435/7.92***, **7.93***, **7.94***, **7.95***, **969***, **970***, **436/535***, **538***, **807***, **810** [IMAGE AVAILABLE]
12. 5,156,810, Oct. 20, 1992, Biosensors employing electrical, optical and mechanical signals; Hans O. Ribl, **422/82.01***, 204/403; **422/82.02***, **82.06***, **435/287.2***, **287.9***, **436/501***, **527***, **531***, **806** [IMAGE AVAILABLE]
13. 5,030,565, Jul. 9, 1991, Polypeptide-induced monoclonal receptors to protein ligands; Henry L. Niman, et al., 530/387.7; **422/61***, **435/70.21***, **172.2***, **331***, **436/548***, **813***, 530/324, 325, 326, 327, 328, 329, 387.9, 388.85, 413 [IMAGE AVAILABLE]
14. 5,015,586, May 14, 1991, Method and apparatus useful in geochemical exploration for petroleum oils; Shawn R. T. Severn, et al., **436/29***, **422/61***, **435/9***, **810***, **436/30***, **31** [IMAGE AVAILABLE]
15. 4,968,604, Nov. 6, 1990, Method and test kit for detection of antibodies; Shannon M. Beatty, **435/7.92***, **422/56***, **61***, **435/805***, **436/530***, **531***, **808***, **809***, **810** [IMAGE AVAILABLE]
16. 4,868,106, Sep. 19, 1989, Analytical element and method for determining a component in a test sample; Tsukasa Ito, et al., **435/7.7***, **422/56***, **57***, **435/7.5***, **7.71***, **7.72***, **7.8***, **7.92***, **7.94***, **805***, **968***, **436/501***, **518***, **524***, **527***, **528***, **529***, **530***, **531***, **800***, **810***, **827***, **828** [IMAGE AVAILABLE]
17. 4,514,508, Apr. 30, 1985, Assaying for a multiplicity of antigens or antibodies with a detection compound; Steven Hirschfeld, **436/518***, **422/61***, **435/7.92***, **966***, **973***, **975***, **436/519***, **531***, **808***, **809***, **821** [IMAGE AVAILABLE]

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